

ASTD/TDI Project Static Report

Implementation of Smart Sampling

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|--------------------------------|------------------------------------|--|
| Focus Area: | Subsurface Contaminants Focus Area | Focus Area Manager: Carl Lanigan, (803) 725-0404 |
| TTP No.: | OH09SS31 | Principal Investigator: Paul Kaplan, (505) 284-4786 |
| Lead Site: | Ohio - Miamisburg | |
| Project No.: | 99-ASTD-06 | Technology Vendor(s)/Commercial Partner(s): |
| Tech ID/TMS No.: | 162 | None identified at this time |
| Related Publication(s): | None | |

Web Page(s):

Description: SMART sampling uses advanced geo-statistical models and economic risk-based decision analysis to optimize sampling and minimize schedule and cost.

Application: The scope of the tool encompasses hazardous, radioactive, and mixed waste within the framework that explicitly addresses the programmatic concerns of the site owner, regulator, and local community.

Location(s): Mound

Technology(ies):

Geostatistical Models and Economic Risk-Based Decision Analysis

| | Funding (\$K): | <u>FY-98</u> | <u>FY-99</u> | <u>FY-00</u> | <u>FY-01</u> | <u>Total</u> |
|-------------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------------|---------------------|
| TTP No.: | OH09SS31 | \$0 | \$100 | \$50 | \$0 | \$150 |
| Leverage Source: | Other | | | | | \$150 |
| | | | | | | \$300 |
| | | | | | Funding Total (\$K): | \$300 |

| Cost Savings (\$M): | <u>Proposal</u> | <u>Deployment Plan/TTP</u> | <u>Current Focus Area Projection</u> |
|----------------------------|------------------------|-----------------------------------|---|
| | Pending | Pending | \$4,800 |